

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

GANG YU

CASE NO.: UA0022 US DIV

APPLICATION NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

FOR: IMAGE SENSORS MADE FROM  
ORGANIC SEMICONDUCTORS

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Before the examination of the above-referenced application, Applicants hereby requests the following amendment to the application.

Please amend the application as follows:

In the Claims:

Please cancel Claims 3-18 and 30-39.

19. (Amended) A sensing element capable of sensing more than one wavelength of light comprising a sensor having

a. a first electrode;

b. a layer of a conjugated semiconducting polymer material disposed on the first electrode; and

c. a transparent second electrode disposed on the layer of conjugated semiconducting polymer material, said first electrode, layer of first conjugated semiconducting polymer material and said second electrode making up a sensor capable of generating an electrical signal when a beam of light having several wavelengths is incident upon said second electrode; and

means for discriminating among the several wavelengths in said beam of light such that only a portion of the several wavelengths is incident upon the second electrode at one time.

**REMARKS**

Claims 1-39 are pending. Claims 3-18 and 30-39 are cancelled without prejudice, since these claims have been examined and allowed in co-pending application number 09/241,657 filed February 2, 1999, the parent application of the above-referenced case.

Claim 19 has been amended to more particularly recite the invention and is not amended for reasons of patentability.

In light of these amendments it is believed that this application is now allowable.

Applicants invite the Examiner to call the undersigned attorney should there be any remaining issues.

Respectfully submitted,



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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

19. (Amended) A sensing element capable of sensing more than one wavelength of light comprising a sensor having

a. a first electrode;

b. a layer of a conjugated semiconducting polymer material [photoactive organic material] disposed on the first electrode; and

c. a transparent second electrode disposed on the layer of conjugated semiconducting polymer material [photoactive organic material], said first electrode, layer of first conjugated semiconducting polymer material [photoactive organic material] and said second electrode making up a sensor capable of generating an electrical signal when a beam of light having several wavelengths is incident upon said second electrode; and

means for discriminating among the several wavelengths in said beam of light such that only a portion of the several wavelengths is incident upon the second electrode at one time.